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From: Rex Siste
Sent: Thur 8/13/2015 5:07:57 PM
Subject: Animus River spill, and AMS problematic metal monitoring

Bruce,

I hope this finds you well.....

It would be very hard to be unaware as a result of the news coverage, of the water quality challenges the Gold King mine release are likely to cause to river train downstream of the event. We have met and talked at several water conferences in the past, so I'd like to make this offer directly to you, representing EPA region 9, but I will copy the regional coordinators of the region's 6 and 8 as well. I represent Aqua Metrology Systems (AMS), and we provide online metal monitoring capability to municipalities, and other industries for problematic metals that need to be monitored, to maintain process control in remediation scenarios, to help stay in conformance with regulations, and to protect public health. From the news reports, release of metals from the event are a major concern, and the impact of arsenic might be the highest on your list of concerns at the moment as a result of this catastrophic release into the Animus River.

You might remember, the capability of our most popular metal monitoring system the SafeGuard..... It's a table top, automated, online as grab sample capability, metal monitoring system that has been proven since 2006, to be accurate and reliable in measuring problematic metals, and in particular, heavily utilized for maintaining process control, in arsenic remediation scenarios. The system has been deployed in forward operational areas, like mobile labs in field testing scenarios, and may be a key capability in this situation. It can be utilized in a totally automated mode, or operated by field personnel, without specialized training.

The SafeGuard system measures on the line, or with grab samples, within 30 minutes, with accuracy and sensitivity equivalent to ICP-MS. My thought was, monitoring arsenic might be the most critical need, but the system can be configured for other metals as well as such as cadmium, lead, copper. We would like to offer to ship you the system, help you install at a key location, to monitor during this situation. We can provide the SafeGuard analyzer to you for 90 days at no charge to you, because of this emergency, then of course you can purchase it, at your discretion after, the situation is resolved.

I hope you can consider this offer, and if you decide it is of interest, we can act very quickly.

Best regards,

Rex Sistek

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